

Observations from Two Decades of Continuous Data Collection in South East Idaho

Greg Mladenka

Water Quality Scientist

Idaho Department of Environmental Quality

444 Hospital Way, Suite 300

Pocatello, Idaho 83201

208-236-6160

greg.mladenka@deq.idaho.gov

Since 1999, the Pocatello Regional office of the Idaho Department of Environmental Quality has employed multi-parameter sondes to collect continuous data on regional rivers. Data quality and completeness has improved over the years.

Complete data sets can be difficult to attain; however, even incomplete data sets often can be used to identify and evaluate discrete events. Depending on conditions, a variety of deployments can be used to acquire high quality data sets.

I will discuss lessons learned from our long-term experience, including benefits and limitations of continuous data collection.